

IN THE SPECIFICATION:

On page 1, immediately after the title, please insert the following heading:

--Background of the Invention--.

On page 1, lines 2 through 6, please amend this paragraph as follows:

The invention relates to a microfocus x-ray apparatus ~~of the type mentioned in the introductory portion of claim 1,~~ as well as a method for the regulation of the intensity of the x-ray radiation produced by a microfocus x-ray apparatus ~~of the type mentioned in the introductory portion of claim 24.~~

On Page 2, lines 9 through 11, please amend this paragraph as follows:

It is an object of the invention to provide a microfocus x-ray apparatus of the aforementioned general type ~~mentioned in the introductory portion of claim 1~~ with which the reliability of the regulation is increased.

On page 2, line 12, please insert the following heading:

--Summary of the Invention--

On page 2, lines 13-15, please amend this paragraph as follows:

This object is realized by a microfocus x-ray apparatus comprising an x-ray tube that is provided with a target, means for bombarding the target with a target stream, and means for regulating the intensity of x-ray radiation that is produced, wherein the means for regulating includes means for regulating at least one parameter of the target stream, in particular the current strength of the target stream ~~by the teaching provided in claim 1.~~ An inventive method for regulating the intensity (dose rate) of the x-ray radiation produced by a microfocus x-ray apparatus is characterized by regulating at least one parameter of the target stream, in particular a current strength of the target stream ~~provided in claim 24.~~

On page 11, lines 20 and 21, please delete this paragraph:

~~An inventive method for the regulation of the intensity of the x-ray radiation produced by~~

~~an x-ray apparatus is provided in claim 24.~~

On page 12, lines 1 and 2, please delete this paragraph:

~~Advantageous and expedient further developments of the teaching of claim 24 are provided in the dependent claims 25 to 39.~~

On page 12, line 13, please insert the following heading:

--Brief Description of the Drawings--

On page 13, line 1, please insert the following heading:

--Description of Specific Embodiments--.

On page 13, lines 2 through 11, please amend this paragraph as follows:

The x-ray apparatus 2 is furthermore provided with means for bombarding the target 6 with a target stream, which means have a heating filament 10 in the form of a cathode. The means for bombarding the target 6 with a target stream are furthermore provided with a high voltage generator 12 for producing a variable, although after a variation essentially constant, high voltage, by means of which electrons, which are released from the heating filament 10 in a vacuum that is present in the interior of the ~~main body 4~~ main body 8, are accelerated in the direction of the target 6, whereby x-ray radiation results, in a manner known to one of skill in the art, when the electrons strike the target 6.

On page 20, after line 21, please insert the following two new paragraphs:

--The specification incorporates by reference the disclosure of German priority document 103 52 334.0 filed November 6, 2003.

The present invention is, of course, in no way restricted to the specific disclosure of the specification and drawings, but also encompasses any modifications within the scope of the appended claims.--